

SOLAR



SOURIAU

Connectors for Solar Energy Systems

SOURIAU

Solar Applications

SOURIAU is the chosen interconnect provider for some of the largest Concentrated Solar Power projects in the world and currently collaborating with new technology designs for leading Concentrated Photovoltaic system developers. SOURIAU connectors are used in conjunction with tracking systems that allow for maximum efficiency.

Worry-free Interconnect Solutions for:

- CSP & CPV Solar Energy Generating Systems (Utility & Industrial Scale)
- Heliostat Drive Motors and Systems
- Single and Dual-Axis Tracking Systems
- Solar Field Integrated Control Systems
- Portable Energy Systems and Equipment
- Communications Infrastructure
- Power Distribution and Control



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SOURIAU Technical Solutions

SOURIAU is a global manufacturer of interconnect solutions for demanding utility and industrial scale solar applications where intense UV and exposure to harsh environments dictate more sophisticated connector solutions.



Dynamic IP68 & IP69K

Outdoor, Sealed and Waterproof. Ideal for applications requiring routine surface cleaning and exposure to harsh environments.



UV Resistant

Manufactured with the best outdoor rated "F1" UL746C materials.



UL/IEC Compliant
UL9703, UL1977 & IEC1984



Environmental Compliance

Standard & Custom Solutions

Whether you need a customized interconnect solution, integrated surge protection or current limiting conditioning, SOURIAU can design and manufacture your solution.



Signal Integrity (PCB Embedded Designs & Cable Assemblies)

Validation testing for all the major protocols (e.g. CAT 5, 5e, RS-485, etc.) and full certification reports with NEXT, FEXT, impedance and attenuation to 40 GHz.

Mixed Power & Signal

Quick & Reliable Mating

Eliminate connection uncertainty and reduce time and labor during installation. Our quick-mating connector systems provide an audible "Click" Push-Pull latch or 1/3 Turn bayonet coupling designs with tactile feel to confirm proper mating.

EMI/RFI Shielding

Shielded designs and Coaxial or Fiber Optic contacts.



Connectors for Solar Energy Systems

Product Features



UTS – Waterproof Plastic Connector

- Affordable Plastic Connector with Rapid 1/3 turn connection
- Extreme sealing: Dynamic IP68/69K mated & unmated
- UV Resistant and UL/IEC Compliant
- 30 layouts
- Salt spray: 500H

For more information request UTS Series catalog



UTO – Robust Metal & Shielded Connector

- Shielded Metal Connector with Rapid 1/3 turn connection
- Extreme sealing: Dynamic IP68/69K
- UL Compliant
- 17 layouts
- Salt spray: 48H (standard), 96H (black anodized)

For more information request UTO Series catalog



UTL – UL/IEC Power Supply

- Plastic Connector with Quick installation Push-Pull latch connection
- Extreme sealing: Dynamic IP68/69K mated & unmated
- Safe disconnect under power load
- UV Resistant
- Salt spray: $\geq 1000\text{H}$

For more information request UTL Series catalog

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